

**IN THE CLAIMS**

Claim 1 (Currently Amended): A system for displaying caller information, comprising:  
a caller terminal for storing caller information and transmitting data including the caller information to a service system during a voice call over a different channel from a channel for the voice call after a call connection is set up;

~~a the~~ service system for receiving the data including the caller information from the caller terminal and transmitting the data to a receiver terminal; and

the receiver terminal for receiving the data from the service system, storing the caller information to be linked with a telephone number of the caller terminal, and displaying the stored caller information when a paging signal is received for a call with the caller terminal.

Claim 2 (Original): The system as recited in claim 1, wherein the caller information is automatically stored in the receiver terminal by linking a telephone number contained in the data with a telephone number stored in a telephone directory.

Claims 3-7 (Canceled)

Claim 8 (Currently Amended): A method for displaying caller information, comprising:  
at a caller terminal, storing caller information and transmitting data including the caller information to a service system during a voice call over a different channel from a channel for the voice call after a call connection is set up;

at ~~the a~~ receiver terminal, receiving the data from the service system to store the caller information to be linked with a phone number of the caller terminal; and

at the receiver terminal, displaying the stored caller information when a paging signal is received for a call with the caller terminal.

Claim 9 (Original): The method as recited in claim 8, wherein the caller information is automatically stored in the receiver terminal by linking a telephone number contained in the data with a telephone number stored in a telephone directory.

Claims 10-14 (Canceled)

Claim 15 (Currently Amended): A mobile terminal, comprising:

a radio frequency (RF) receiver for receiving data including caller information during a voice call over a different channel from a channel for the voice call after a call connection is set up;

a memory unit for storing the caller information to be linked with a telephone number of a caller terminal; and

a controller for controlling a mobile terminal to display the caller information when a paging signal is received for a call with the caller terminal after terminating the voice call.

Claim 16 (Original): The mobile terminal as recited in claim 15, wherein the caller information is automatically stored in the receiver terminal by linking a telephone number contained in the data with a telephone number stored in a telephone directory.

Claim 17 (Currently Amended): A mobile terminal, comprising:

a memory unit for storing caller information; and

a radio frequency transmitter for transmitting data including caller information during a voice call over a different channel from a channel for the voice call after a call connection is set up.

Claim 18 (Previously Presented): The mobile terminal of claim 17, wherein the data includes the caller information and a telephone number of a receiving party.

Claim 19 (New): The system of claim 1, wherein the caller information is transmitted in the form of a packet.

Claim 20 (New): The system of claim 1, wherein the difference channel is a reverse traffic channel.

Claim 21 (New): The method of claim 8, wherein the caller information is transmitted in the form of a packet.

Claim 22 (New): The method of claim 8, wherein the difference channel is a reverse traffic channel.

Claim 23 (New): The terminal of claim 15, wherein the caller information is received in the form of a packet.

Claim 24 (New): The terminal of claim 15, wherein the difference channel is a reverse traffic channel.

Claim 25 (New): The terminal of claim 17, wherein the caller information is transmitted in the form of a packet.

Claim 26 (New): The terminal of claim 17, wherein the difference channel is a reverse traffic channel.